

# HCal Tile Testing at Colorado

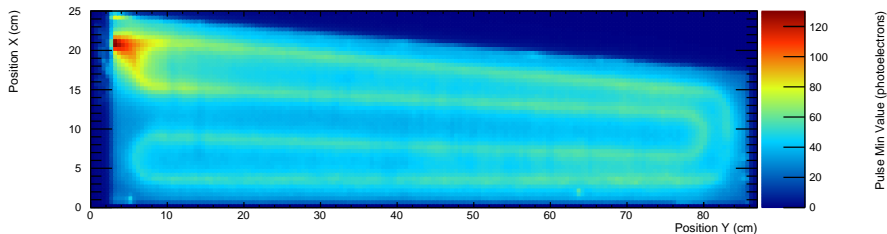
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University of Colorado, Boulder

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# Large tile LED scan with 405 nm

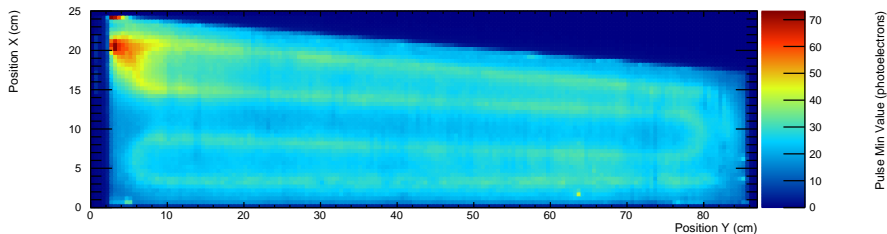


## 405 nm LED

We scan in 0.5 cm increments in both directions

We scan 50 rows and 174 columns, which is slightly bigger than the tile itself

# Large tile LED scan with 375 nm

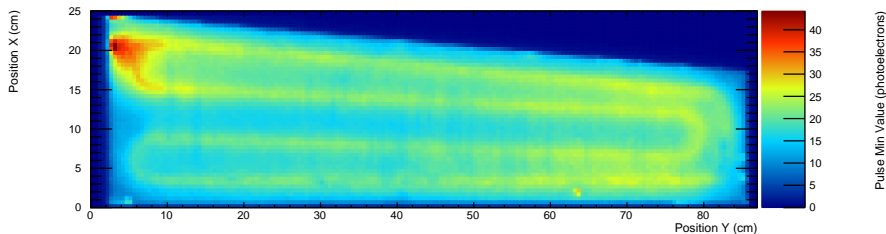


## 375 nm LED

We scan in 0.5 cm increments in both directions

We scan 50 rows and 174 columns, which is slightly bigger than the tile itself

# Large tile LED scan with 361 nm

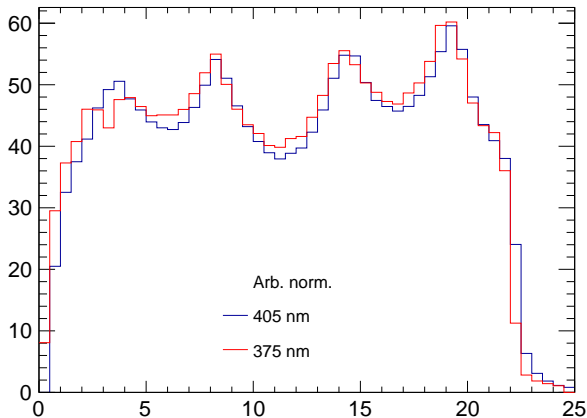


361 nm LED (courtesy of John H.)

We scan in 0.5 cm increments in both directions

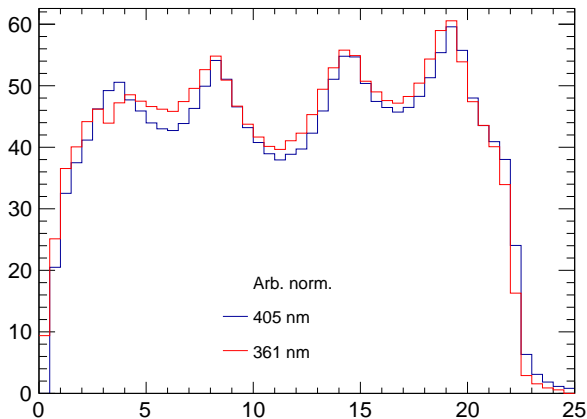
We scan 50 rows and 174 columns, which is slightly bigger than the tile itself

## Comparison of 405 nm and 375 nm, projection in the middle



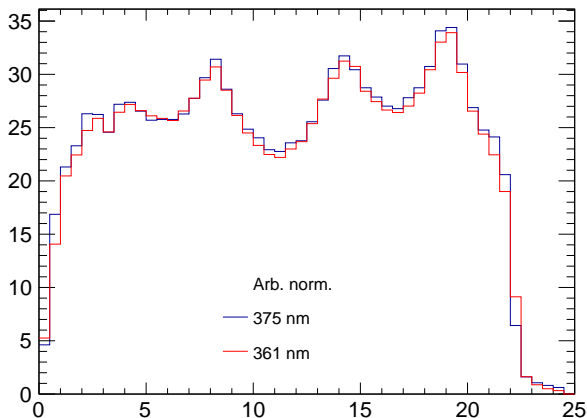
Arbitrary normalization to facilitate shape comparison  
Surprising similarity between the 405 nm and the 375 nm

## Comparison of 405 nm and 361 nm, projection in the middle



Arbitrary normalization to facilitate shape comparison  
Surprising similarity between the 405 nm and the 361 nm

## Comparison of 405 nm and 361 nm, projection in the middle



Arbitrary normalization to facilitate shape comparison  
The 375 nm and the 361 nm are almost identical